



INDIANA DEPARTMENT OF TRANSPORTATION

Driving Indiana's Economic Growth

Design Memorandum No. 08-21 Policy Change

October 28, 2008

TO: All Design, Operations, and District Personnel, and Consultants

FROM: /s/ Anthony L. Uremovich
Anthony L. Uremovich
Design Resources Engineer
Production Management Division

SUBJECT: Semi-Integral End Bents

REVISES: *Indiana Design Manual* Section 67-1.01

EFFECTIVE: Stage 2 or Design Approval on or after January 1, 2009

Semi-integral end bents should be considered for each bridge for which integral end bents are not practical or feasible. For a skew angle of greater than 30 deg, or an expansion length of 250 ft (80 m) or longer, twisting or racking of the bridge should be investigated.

Indiana Design Manual Figure 67-1C(1) shows details for Method 1, Figure 67-1C(2) shows details for Method 2, and Figure 67-1C(3) shows details for the joint-protection sheeting. All figures are attached hereto, and have been incorporated into the online version of *Manual* Chapter 67. All applicable information shown in the figures should be shown on the plans.

Recurring Special Provision 702-B-178, also attached hereto, regarding the joint-protection sheeting and high-density plastic bearing strips, should be called for if semi-integral end bents details are shown on the plans. Beginning with the September 10, 2009, letting, the recurring special provision will be incorporated into the INDOT *Standard Specifications*. The provision will then no longer be required to be called for in specific contracts.

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Attachments